



Exam Announcement

California State Government - equal opportunity to all regardless of race, color, creed, national origin, ancestry, sex, marital status, disability, religious or political affiliation, age or sexual orientation. It is an objective of the State of California to achieve a drug-free state work place. Any applicant for State employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the State, the rules governing civil service and the special trust placed in public servants.

ENVIRONMENTAL SCIENTIST OPEN - CONTINUOUS TESTING

DEPARTMENTAL FOR STATE WATER RESOURCES CONTROL BOARD

All competitors who are successful in this examination will be eligible to be considered for a job opening with the State Water Resources Control Board and the nine (9) Regional Water Quality Control Boards.

HOW TO APPLY

Candidates who meet the minimum qualifications as listed in the examination bulletin may take this examination. Meeting the minimum qualifications does not assure you a place on the eligible list.

To apply for this examination, you must submit a complete examination application package. The package is comprised of the following documents:

- **Standard State Application** <http://jobs.ca.gov/pdf/std678.pdf>
- **Training & Experience Exam** http://www.waterboards.ca.gov/about_us/employment/docs/esexam.doc
- **Photocopies of both official transcripts and degree**

Mail complete package to:

STATE WATER RESOURCES CONTROL BOARD
HUMAN RESOURCES – EXAM UNIT
1001 I STREET, 18TH FLOOR
SACRAMENTO, CA 95814

Do not send applications to the California Department of Human Resources.

TEST DATES

Testing is considered continuous as dates can be set at any time and eligible lists are merged.

A candidate may be tested only once within a 12-month period. Therefore, if you are unsuccessful in this examination, you must wait 12 months to re-compete. If a candidate submits a second examination prior to the expiration of the 12 months, it will not be accepted.

EXAMINATION INFORMATION

INTERVIEWS WILL NOT BE HELD. This examination will consist of the training and experience application weighted 100%. To obtain a position on the eligible list, applicants must achieve a minimum rating of 70% on the training & experience examination. The State Water Resources Control Board's Environmental Scientist (Range A, B and C) examination will be used to evaluate your education, training, experience, and familiarity with or understanding of a particular subject or task. This is a special examination form designed exclusively for the Environmental Scientist. This application is designed to elicit a range of specific information regarding each applicant's knowledge, abilities, and potential to effectively perform the duties of an Environmental Scientist. Examination results will be mailed to your home.

SALARY RANGES

Range A	\$3,077 - \$3,809
Range B	\$3,738 - \$4,638
Range C	\$4,730 - \$5,882

RANGE A RANGE B

This range shall apply to incumbents who do not meet the Range B or Range C criteria.

One year of satisfactory experience in the California state service performing duties comparable to an Environmental Scientist, Range A; or two years of professional scientific experience in environmental analysis, research, management, planning, regulation, or investigation outside of the California state service. Possession of a master's degree in a biological, chemical, physical, or environmental science, or a closely related scientific discipline will substitute for the required experience.

RANGE C

Two years of satisfactory experience in the California state service performing duties comparable to an Environmental Scientist, Range B; or three years of professional scientific experience in environmental analysis, research, management, planning, regulation, or investigation outside of the California state service. Possession of a master's degree in a natural, physical, or environmental science, or a closely related scientific discipline may be substituted for one year of experience. Possession of a doctorate degree in a biological, chemical, physical, or environmental science, or a closely related scientific discipline may be substituted for two years of the experience.

**REQUIREMENTS FOR
ADMITTANCE TO
THE EXAMINATION**

It is your responsibility to make sure you meet the education requirements stated on this bulletin. Your signature on your application indicates you have read, understood and possess the basic qualifications required. **Your responses are subject to verification.** Applicants are required to provide documentation of all education (**official transcripts and a diploma verifying your major field of study**) along with any other documentation necessary to verify your responses to the State Water Resources Control Board's Human Resources Office. Providing false information on a State examination is a violation of State law, and could result in an individual being removed from an employment list and banned from future employment with the State.

**MINIMUM
QUALIFICATIONS****EDUCATION**

Possession of a bachelor's or advanced degree with a major in a biological, chemical, physical, or environmental science, soil science, water science, hydrology, agronomy, natural resource science, environmental or public health, physical geography, or a closely related scientific discipline. (Admission to a masters or doctoral degree program in a biological, chemical, physical, or environmental science, soil science, water science, hydrology, agronomy, natural resource science, environmental or public health, physical geography, or a closely related scientific discipline shall be considered to meet these education qualifications.) (Registration as a senior in a recognized institution will admit applicants to the examination, but they must produce evidence of a degree before they can be considered eligible for appointment.)

THE POSITION

Environmental Scientists perform a broad range of staff work concerning present and future environmental issues relating to water quality and water rights. Incumbents apply scientific methods and principles in the identification, research and solution of problems in the areas of environmental monitoring, illegal discharge of waste to the lands and waters of the State, point and nonpoint source pollution, habitat protection and restoration, wetland restoration, river greenways, riparian habitat, land and water use, agricultural return flows, timber harvesting, streambed alterations and watershed evaluation; develop regulatory measures and implement enforcement of environmental standards; participate in hearings and field investigations as a staff expert for environmental matters.

KNOWLEDGE OF

1. Basic principles of land, water, fish, wildlife, and other natural resources research
2. Principles of ecology
3. Soil and irrigation sciences, resource management, hydrology, geology, and waste prevention
4. Statistical methods
5. Land-use practices with reference to their general effect on human health, natural resources, agricultural productivity, and the environment
6. Effects of hazardous and non-hazardous waste material and their interactions on the environment
7. Chemical reactions
8. California and Federal environmental laws, rules, regulations, and requirements
9. Basic toxicology, hydrology, geology, and principles of risk assessment and risk management
10. Concepts employed in a variety of disciplines including environmental planning, economics, and resource management
11. Geolocation and geo-referencing software applications, resource conservation program impacts and implementation strategies
12. Recycling issues

ABILITY TO

1. Apply or modify scientific methods and principles
2. Collect environmental data
3. Analyze and evaluate data and reach sound conclusions
4. Review, check, and interpret scientific and environmental reports
5. Analyze situations and take appropriate actions
6. Establish and maintain cooperative relations with all persons contacted
7. Communicate effectively
8. Prepare clear, complete, and technically accurate reports
9. Apply laws, rules, regulations, policies, and requirements of California and Federal environmental protection and resource management programs
10. Assess the impact of proposed State and Federal environmental legislation and regulations
11. Understand principles of risk assessment and risk management
12. Work with professionals from a variety of disciplines within and outside of State government
13. Review and understand technical research reports on emerging public health and environmental issues

ELIGIBLE LIST

Names of successful competitors are merged onto the list in order of final scores, regardless of date. Eligibility expires after 12 months.

**VETERANS
PREFERENCE**

Will be granted in this examination.

**CONTACT
INFORMATION**

State Water Resources Control Board, Exam Unit at (916) 341-5127 or exams@waterboards.ca.gov.

GENERAL INFORMATION

The State Water Resources Control Board reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules and all competitors will be notified.

If you meet the requirements stated on this bulletin, you may take this examination, which is competitive. Possession of the entrance requirements does not assure a place on the eligible list. Your performance in the examination will be compared with the performance of the others who take this test, and all candidates who pass will be ranked according to their score.

General Qualifications: Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, and ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the classification. A medical examination may be required. In open examinations, investigation may be made of employment records and personal history and fingerprinting may be required.

Eligible lists: Eligible lists established by competitive examination, regardless of date, must be used in the following order:

1. Sub-divisional promotional,
2. Departmental promotional,
3. Multi-departmental promotional,
4. Service-wide promotional,
5. Departmental open,
6. Open.

When there are two list of the same kind, the older must be use first.

Veterans Preference in open, non-promotional examinations is granted to:

1. Any veteran,
2. Widow or widower of a veteran or
3. Spouse of a 100 percent disabled veteran

Candidates who meet the above criteria and achieve a passing score in the examination, shall be ranked in the top rank of the resulting eligibility list. Any veteran who has been dishonorably discharged or released is not eligible for veteran's preference. Veterans Preference is not granted once a person achieves permanent civil service status.

Application: Standard State Applications (std 678) <http://jobs.ca.gov/Profile/StateApplication> or are available at the California Department of Human Resources located at 1810 16th Street, Sacramento CA 95811, local offices of the Employment Development Department and the testing department on the job bulletin.

Veterans Preference Information: Available at <http://jobs.ca.gov/Job/VeteransInformation> or you can contact the California Department of Human Resources at (866) 844-8671.

Contact Information: You are responsible for keeping your contact information up to date. This can be done by connecting to <http://jobs.ca.gov/> and logging into your account.

TDD is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TDD Device.

California Relay Telephone Service for the Deaf or Hearing Impaired.

From TDD phones: 1-800-735-2929

From voice phones: 1-800-735-2922